

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-46 (Cancelled).

47. A vehicle stabilizer bar system comprising:

at least one vehicle stabilizer bar; and

an actuator comprising:

an output member;

an electric motor operatively coupled to said output member for moving said output member from a first position to a second position upon energization of said electric motor by a power source, said vehicle stabilizer bar being responsive to said output member such that vehicle stabilizer bar is in a first stabilizer bar position when said output member is in said first position and is in a second stabilizer bar position when said output member is in said second position; and

at least one electrical energy storage element coupled to said electric motor, said electrical energy storage element being configured for energizing said motor to move said output member from said second position to said first position upon interruption of power from said power source to said motor.

48. The system of claim 47, wherein said output member comprises a plunger.

49. The system of claim 47, wherein said electric motor comprises a drive shaft, and wherein said electric motor is operatively coupled to said output member through a gear train coupled to said drive shaft.

50. The system of claim 47, wherein said electrical energy storage element comprises a capacitor.

51. The system of claim 50, wherein said capacitor has a value of at least one Farad.

52. The system of claim 47, wherein said first stabilizer bar position is an engaged position of said stabilizer bar and said second stabilizer bar position is a disengaged position of said stabilizer bar.

53. An actuator comprising:

an output member;

an electric motor operatively coupled to said output member for moving said output member from a first position to a second position upon energization of said electric motor by a power source; and

at least one electrical energy storage element coupled to said electric motor, said electrical energy storage element being configured for energizing said motor to move said output member from said second position to said first position upon interruption of power from said power source to said motor.

54. The actuator of claim 53, wherein said output member comprises a plunger.

55. The actuator of claim 53, wherein said electric motor comprises a drive shaft, and wherein said electric motor is operatively coupled to said output member through a gear train coupled to said drive shaft.

56. The actuator of claim 53, wherein said electrical energy storage element comprises a capacitor.

57. The actuator of claim 56, wherein said capacitor has a value of at least one Farad.

58. A method for returning an actuator driven vehicle stabilizer bar system to a desired position upon interruption of electrical power to the actuator, said method comprising:

storing electrical energy; and

utilizing said energy to return said vehicle stabilizer bar system to the desired position upon said interruption of electrical power to the actuator.

59. The method of claim 58, wherein said energy is stored in at least one capacitor.

60. The method of claim 59, wherein said at least one capacitor has a value of at least one Farad.

61. The method of claim 58, wherein said desired position is an engaged position of said stabilizer bar.

62. A method of operating an actuator to drive an actuator driven element comprising:

supplying power to an electric motor for driving an actuator output member from a first position to a second position;

storing electrical energy in an electrical energy storage element; and

coupling said electrical energy storage element to said electric motor for providing replacement energy to said motor to drive said output member from said second position to said first position upon interruption of said power.

63. The method of claim 62, wherein said output member comprises a plunger.

64. The method of claim 62, wherein said electric motor comprises a drive shaft, and wherein said electric motor is coupled to said output member through a gear train coupled to said drive shaft.

65. The method of claim 62, wherein said electrical energy storage element comprises a capacitor.

66. The method of claim 65, wherein said capacitor has a value of at least one Farad.